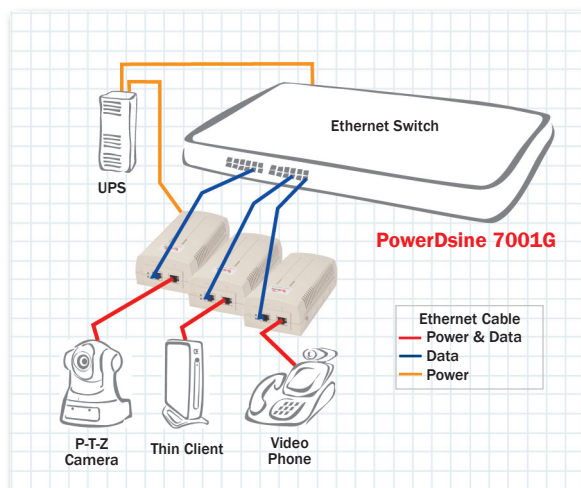


PowerDsine® 7001G Family

High Power, Gigabit Single Port PoE Midspan



Overview

The PowerDsine 7001G is a single port, high-power solution for remote powering of current and emerging high power applications.

Generating a maximum of 30W, the 7001G enables remote power for a new range of applications including pan-tilt-zoom (PTZ) cameras, video-phones and thin-clients. It complies to IEEE 802.3af PoE standard parameters, while doubling the power available from prior midspans. It can power both existing 10/100Base-T network devices and such emerging wireless gigabit devices as Wi-MAX and remote distance wireless IEEE 802.11n access points.

PD7001G Features

- Up to 30W of Power on 2-pairs
- IEEE 802.3af Compliant-With Double the Power
- Compatible With All IEEE 802.3af or Legacy Cisco-Powered Devices
- Safe: Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Supports 10/100/1000BaseT applications
- Compact Design Fits Easily in WLAN Access Point Installations

7001G Specifications

| | |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. of Ports | 1 |
| Pass Through Data Rates | 10/100/1000 Mbps |
| Power over Ethernet Output | Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 55Vdc User Port Power: 30Watts Max. |
| Input Power Requirements | AC Input Voltage: 100 to 240 Vac AC Input Current: 0.8A @ 100-240 Vac AC Frequency: 50 to 60 Hz |
| Dimensions | 87.9 mm x 51.3 mm x 166 mm 3.46 in. x 2.0 in. x 6.53 in |
| Weight | .771 lbs (350g) |
| Indicators | System Indicator: AC Power (Green) User Indicator: Channel Power (Green) |
| Connectors | Shielded RJ-45, EIA 568A and 568B |
| Environmental Conditions | Operating Ambient Temperature: 32° to 104°F (0 to 40°C) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -4° to 158°F (-20° to 70°C) Storage Humidity: Maximum 95%, Non-condensing Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m) |
| Reliability | MTBF: 100,000 hrs. @25°C |
| Thermal Rating | 300 BTU/Hr (@240VAC) |
| Warranty | 1-year |
| Regulatory Compliance | IEEE 802.3af (PoE), RoHS Compliant WEEE Compliant, CE |
| Electromagnetic Emission & Immunity | FCC Part 15, Class B with FTP cabling EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI |
| Safety Approvals | UL/cUL Per EN 60950 GS Mark Per EN 60950 |

Ordering Information



| Part Number | Name | Description |
|-------------|------------------|-----------------------------------------|
| PD-7001G/AC | PowerDsine 7001G | High Power 1-port Gigabit PoE, AC input |